

Modify a file:

```
ls
Master files in this peer:
111.srt
112.srt
113.srt
114.srt
115.srt
116.srt
117.srt
118.srt
119.srt
120.srt
121.srt
modify 111.srt
modify here
01
```

The file “111.srt” was modified.

```
ranSearch - Rand
111.srt is modified!!!
```

The super peer having the file is notified.

Before:

```
ls
Master files in this peer:
Leaf node file list:
{117.srt=[11], 116.srt=[11], 118.srt=[11], 119.srt=[11], 120.srt=[11], 114.srt=[11], 121.srt=[11], 115.srt=[11], 113.srt=[11], 112.srt=[11], 111.srt=[11]}
```

After:

```
Master files in this peer:
Leaf node file list:
{117.srt=[11], 116.srt=[11], 118.srt=[11], 119.srt=[11], 120.srt=[11], 114.srt=[11], 121.srt=[11], 115.srt=[11], 113.srt=[11], 112.srt=[11]}
```

Download a file (130.srt)

```
obtain 14 130.srt
Downloading... 130.srt
D:\pa3\11\download
11\download
D:\pa3\11\download\130.srt
Download Complete! Updating IndexServer
IndexServer Updated!
```

When TTR decrease to zero, notify the user that file is expired.

```
{117.srt=[11], 116.
130.srt expired!!!
```

Refresh to get new version of the file.

```
130.srt expired!!!  
refresh  
Polling new file 130.srt  
_
```